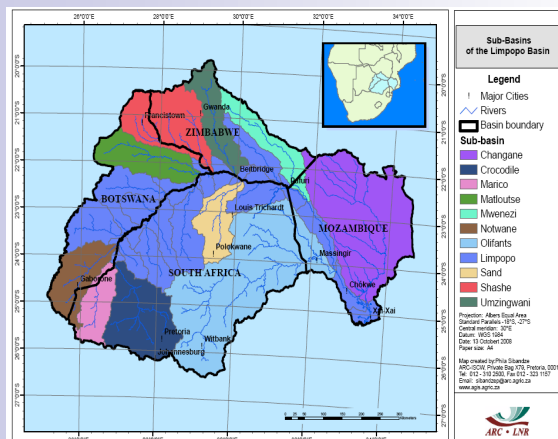


Limpopo Basin Development Challenge



The Challenge Program on Water and Food (CPWF) is a global research-for-development program. Its unit of analysis is the river basin, and it operates in the Limpopo, Nile, and Volta Basins in Africa, and the Mekong, Ganges and Andean System of Basins.

The CPWF vision is:

To help develop more prosperous and resilient agricultural societies by improving access to water, and the ways in which it is managed and used.

The CPWF objective is:

To increase the resilience of social and ecological systems through better water management for food production.

Limpopo Basin Development Challenge (LBDC)

- Limpopo Project 1: Targeting and scaling out
- Limpopo Project 2: Small water infrastructure
- Limpopo Project 3: Farm systems and risk management
- Limpopo Project 4: Water governance
- Limpopo Project 5: Learning for innovation and adaptive management



Limpopo Basin

The Limpopo is a relatively dry basin and most water in the more productive areas is already claimed. Rainfall is highly variable and in many parts of the basin there is little run-off with which to produce crops and livestock. The basin is a water-scarce environment in which recurring drought and floods cause devastating impacts on the livelihoods of small-scale, subsistence farmers. However, the more pressing development challenge in these farming systems is the unproductive use of water in the more normal rainfall seasons which are much more prevalent.

This project aims to have science based evidence included in— or informing—basin decision making toward improved small-holder productivity and reduced risk in rainfed agricultural production systems. This will be achieved through three main types of activities: 1) research coordination; 2) on-going engagement with stakeholders (internal and external); and 3) innovation research.

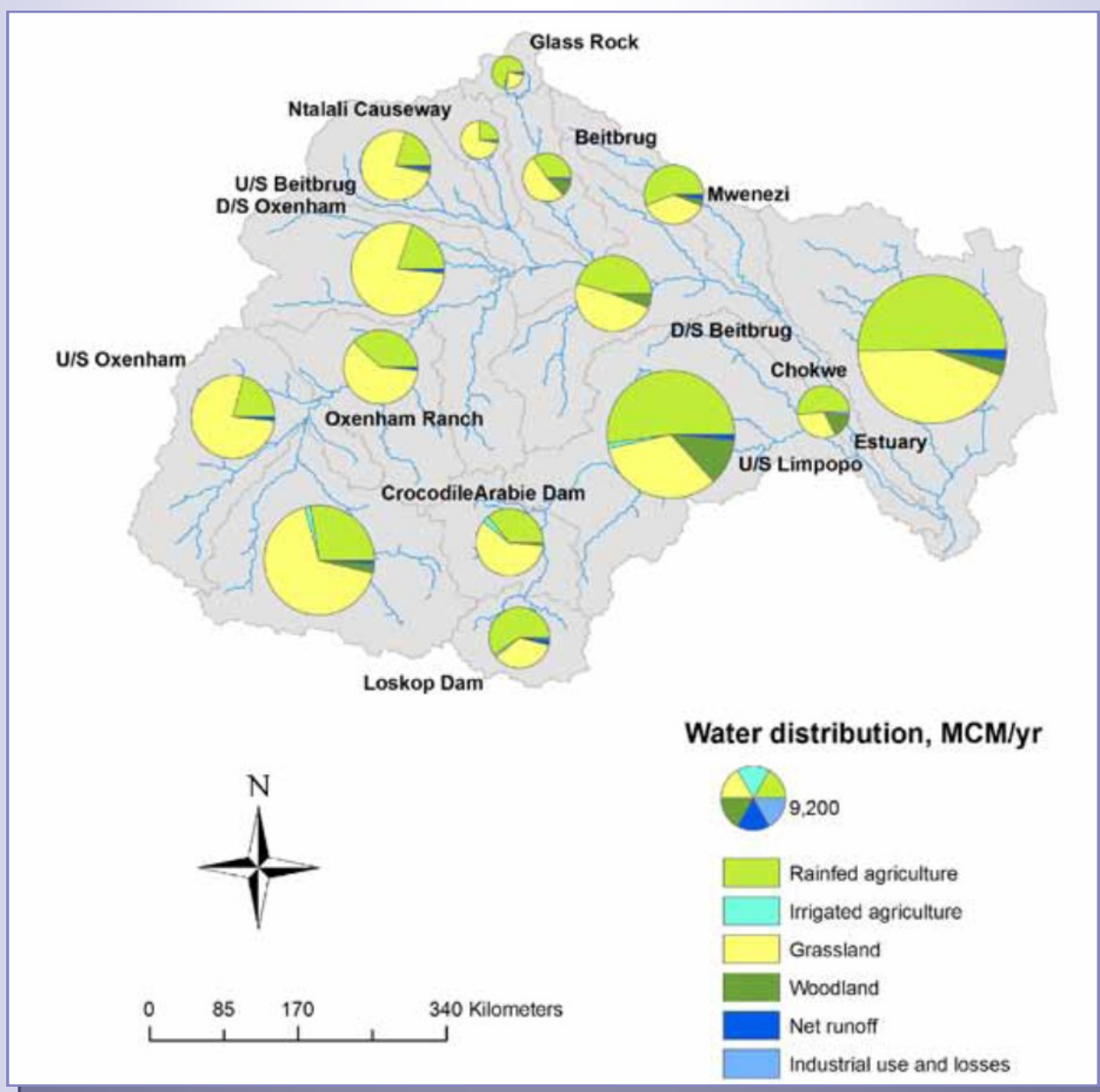
tate and promote contextualised and integrated research done by LBDC teams to achieve impact.

This initiative will strengthen networks with the capacity to deliver high quality outputs at the right time to the right audience in the right format.

This project contributes to:

- CAADP Pillar I: Land and water management
- CAADP Pillar IV: Agricultural Research

This project helps ensure that the Limpopo BDC contributes relevant research to policy processes, decision makers and end users from farm to international levels. This project will facilitate



Summary of major water uses in catchments of the Limpopo Basin. Grassland includes shrubland and barren land. (Mainuddin et al, 2010. Water-use accounts in CPWF basins: Simple water-use accounting of the Limpopo Basin. CPWF Working Paper: Basin Focal Project series, BFP06. Colombo, Sri Lanka: The CGIAR Challenge Program on Water and Food. 21 pp.)

Country	Population of country in basin (million)	% of country population in basin	Country basin area as % of total basin area	Country basin area as % of total country area
Botswana	1.0	59%	19%	14%
Mozambique	1.3	7%	21%	11%
South Africa	10.7	24%	45%	15%
Zimbabwe	1.0	9%	15%	16%

UNDP, 2003.

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